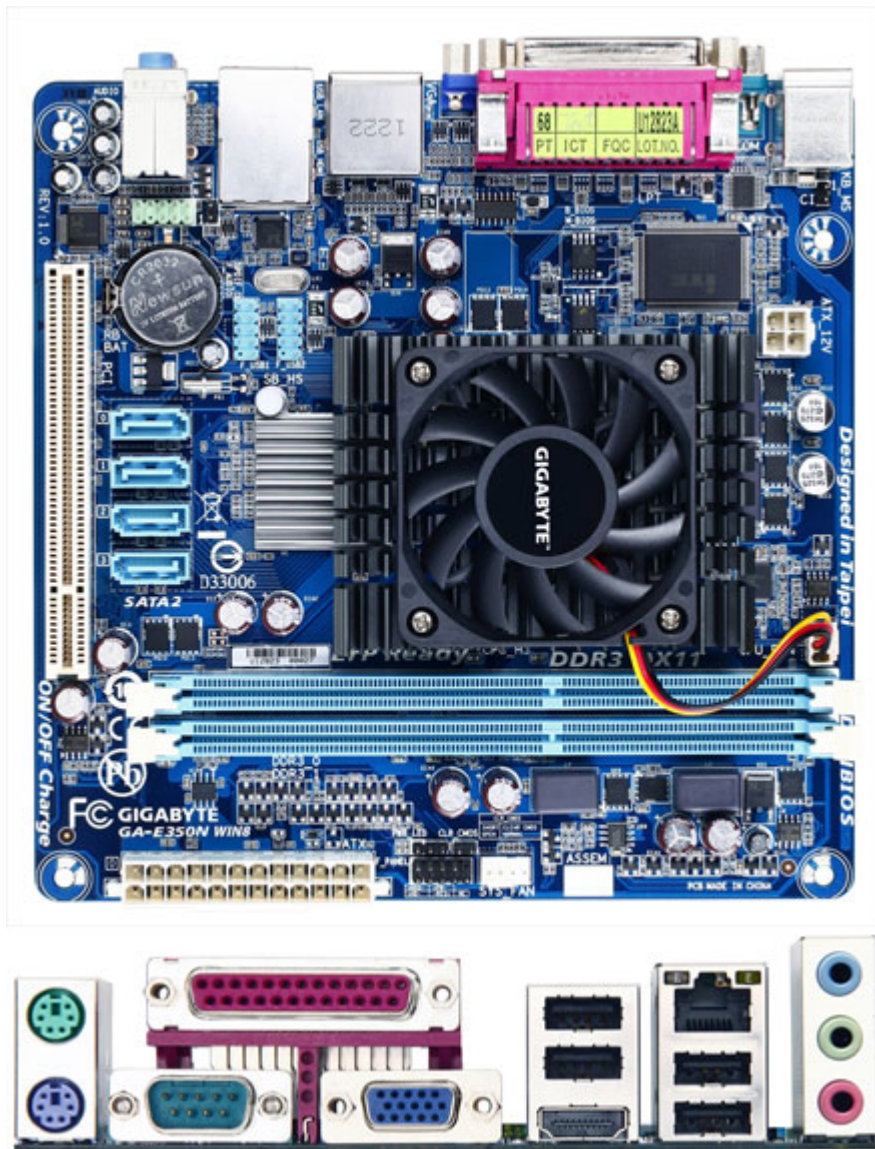




74.95 EUR  
incl. 19% VAT, plus [shipping](#)

- All new design of Ultra Durable 4 classic
- Integrated new generation of AMD Dual-Core E-350D APU
- Features DDR3 1333+ for remarkable system performance
- Integrated AMD Radeon HD 6310 graphics (DirectX11)
- 60mm x 60mm quiet and high performance active APU fansink cooling for robust system endurance
- PCI interface for wide-range expansion card selections
- 8-channel ALC887 high definition audio CODEC enables high quality and realistic sound field experience
- Integrated HDMI interface for Full HD 1080 Blu-ray playback with HDCP
- Hi-Speed USB and LPT/RS-232 connectors provide rich connectivity selection for your devices
- Compatible with Windows 8 that delivers the best operation experience
- Meets ErP(Energy-related-Products) requirement

#### APU

1. Built in with an AMD E-350D Dual-Core processor
2. Built in with an AMD Radeon™ HD 6310 (DirectX 11) graphics core

#### Chipset

1. AMD A45 FCH

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Memory            | 1. 2 x 1.5V DDR3 DIMM sockets supporting up to 16 GB of system memory (Note 1)                                         |
|                   | 2. Single channel memory architecture                                                                                  |
|                   | 3. Support for DDR3 1333 (O.C.)/1066 MHz memory modules<br><br>(Please refer "CPU Support List" for more information.) |
| Onboard Graphics  | Integrated in the APU:                                                                                                 |
|                   | 1. 1 x D-Sub port                                                                                                      |
|                   | 2. 1 x HDMI port, supporting a maximum resolution of 1920x1200                                                         |
| Audio             | 1. Realtek ALC887 codec                                                                                                |
|                   | 2. High Definition Audio                                                                                               |
|                   | 3. 2/4/5.1/7.1-channel (Note 2)                                                                                        |
|                   | 4. Support for S/PDIF Out                                                                                              |
| LAN               | 1. Realtek GbE LAN chip (10/100/1000 Mbit)                                                                             |
| Expansion Slots   | 1. 1 x PCI slot                                                                                                        |
| Storage Interface | Chipset:                                                                                                               |
|                   | 1. 4 x SATA 3Gb/s connectors supporting up to 4 SATA 3Gb/s devices                                                     |
| USB               | Chipset:                                                                                                               |
|                   | 1. Up to 8 USB 2.0/1.1 ports (4 ports on the back panel, 4 ports available through the internal USB headers)           |

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Internal I/O Connectors | 1. 1 x 24-pin ATX main power connector           |
|                         | 2. 1 x 4-pin ATX 12V power connector             |
|                         | 3. 4 x SATA 3Gb/s connectors                     |
|                         | 4. 1 x CPU fan header                            |
|                         | 5. 1 x system fan header                         |
|                         | 6. 1 x front panel header                        |
|                         | 7. 1 x front panel audio header                  |
|                         | 8. 1 x S/PDIF Out header                         |
|                         | 9. 2 x USB 2.0/1.1 headers                       |
|                         | 10. 1 x chassis intrusion header                 |
|                         | 11. 1 x power LED header                         |
|                         | 12. 1 x Clear CMOS jumper                        |
| Back Panel Connectors   | 1. 1 x PS/2 keyboard port                        |
|                         | 2. 1 x PS/2 mouse port                           |
|                         | 3. 1 x parallel port                             |
|                         | 4. 1 x serial port                               |
|                         | 5. 1 x D-Sub port                                |
|                         | 6. 1 x HDMI port                                 |
|                         | 7. 4 x USB 2.0/1.1 ports                         |
|                         | 8. 1 x RJ-45 port                                |
| I/O Controller          | 9. 3 x audio jacks (Line In/Line Out/Microphone) |
|                         | 1. iTE I/O Controller Chip                       |
| H/W Monitoring          | 1. System voltage detection                      |
|                         | 2. APU/System temperature detection              |
|                         | 3. APU/System fan speed detection                |
|                         | 4. APU overheating warning                       |
|                         | 5. System fan speed control (Note 3)             |

|                  |                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BIOS             | 1. 2 x 32 Mbit flash                                                                                                                                                                                             |
|                  | 2. Use of licensed AMI EFI BIOS                                                                                                                                                                                  |
|                  | 3. Support for DualBIOS™                                                                                                                                                                                         |
|                  | 4. PnP 1.0a, DMI 2.0, SM BIOS 2.6, ACPI 2.0a                                                                                                                                                                     |
| Unique Features  | 1. Support for @BIOS                                                                                                                                                                                             |
|                  | 2. Support for Q-Flash                                                                                                                                                                                           |
|                  | 3. Support for Xpress Install                                                                                                                                                                                    |
|                  | 4. Support for EasyTune (Note 4)                                                                                                                                                                                 |
|                  | 5. Support for Smart Recovery 2                                                                                                                                                                                  |
|                  | 6. Support for Auto Green                                                                                                                                                                                        |
|                  | 7. Support for ON/OFF Charge                                                                                                                                                                                     |
|                  | 8. Support for Q-Share                                                                                                                                                                                           |
| Bundle Software  | 1. Norton Internet Security (OEM version)                                                                                                                                                                        |
| Operating System | 1. Support for Microsoft® Windows 8/7/Vista/XP                                                                                                                                                                   |
| Form Factor      | 1. Mini-ITX Form Factor; 17.0cm x 17.0cm                                                                                                                                                                         |
| Note             | (Note 1) Due to a Windows 32-bit operating system limitation, when more than 4 GB of physical memory is installed, the actual memory size displayed will be less than the size of the physical memory installed. |
|                  | (Note 2) To configure 7.1-channel audio, you have to use an HD front panel audio module and enable the multi-channel audio feature through the audio driver.                                                     |
|                  | (Note 3) Whether the system fan speed control function is supported will depend on the system cooler you install.                                                                                                |
|                  | (Note 4) Available functions in EasyTune may differ by motherboard model.                                                                                                                                        |
| Remark           | 1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.                                                        |
|                  | 2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP SP1/SP2. If drivers are available from the vendors, we will update them on the GIGABYTE website.                       |